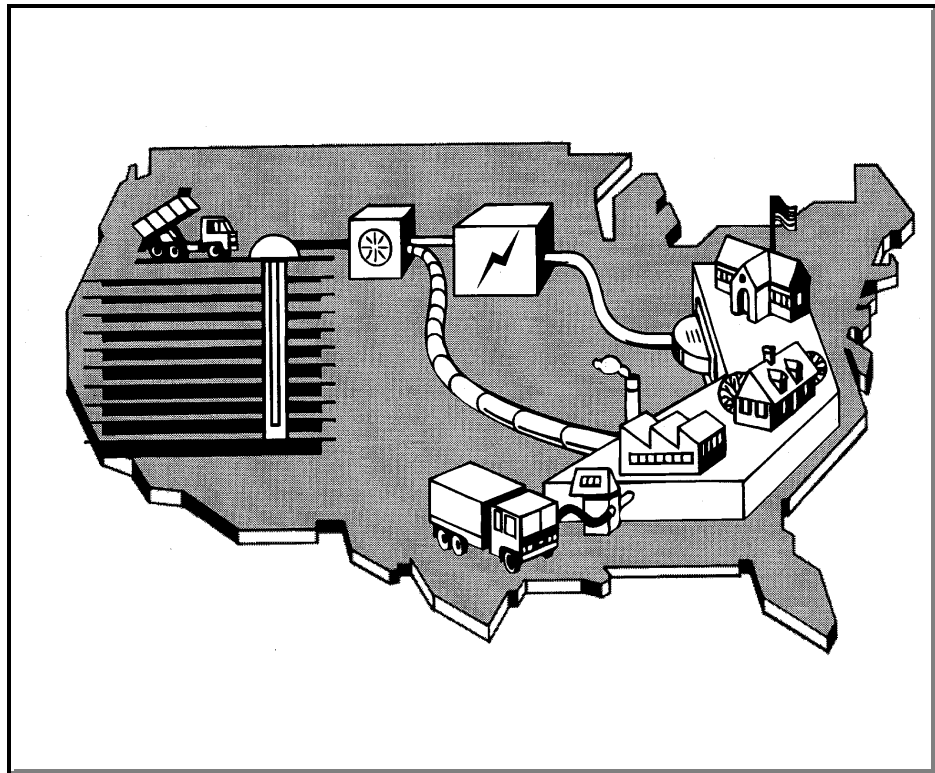




Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of Wisconsin



EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.²

Shutdown:

- Landfill with shutdown LFGTE project.

Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

¹ Current projects illustrate the wide range of successful project development options.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



Exhibit 1: Wisconsin MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	12	60	597	19	110,473	65,910	2,319,939	1,384,116
Candidate	12	34	340	11	62,893	5,782	1,320,747	121,414
Shutdown	1	1	9	0	1,635	1,927	34,327	40,471
Other	30	8	79	3	14,698	0	308,650	0
Unknown WIP	3							
Total	58	103	1,025	33	189,698	73,619	3,983,662	1,546,001

Exhibit 2: Potential Wisconsin Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	470,408	386,090	259,612	2,973	2,485	0	332,675	273,045	183,599	3,027	1,591	2
Candidate	269,143	220,901	148,537	1,701	1,422	0	189,393	155,445	104,523	1,724	906	1
Shutdown	7,104	5,830	3,920	45	38	0	4,922	4,040	2,717	45	24	0
Other	62,353	51,176	34,412	394	329	0	44,260	36,327	24,426	403	212	0
Unknown WIP												
Total	809,008	663,997	446,481	5,114	4,274	0	571,251	468,856	315,265	5,198	2,732	3

Exhibit 3: Index of Landfills in Wisconsin

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Dane County LF #1-Verona	✓	□	□	□	✓	✓	Operational
Current	Dane County LF #2-Rodefald	✓	□	□	✓	✓	✓	Operational
Current	Kestrel Hawk Park LF	□	□	✓	□	✓	✓	Operational
Current	Marathon County LF	✓	□	□	□	✓	✓	Operational
Current	Metro Recycling and Disposal LF	□	□	✓	✓	✓	✓	Operational
Current	Omega Hills LF	□	□	✓	□	✓	✓	Operational
Current	Outagamie County LF	□	□	✓	✓	✓	✓	Operational
Current	Parkview Recycling LF	□	□	✓	□	✓	✓	Operational
Current	Pheasant Run Recycling LF	□	□	✓	✓	✓	✓	Operational
Current	Valley Trail LF	✓	□	□	✓	✓	□	Construction
Current	Winnebago County LF - Snell Road	□	□	✓	□	✓	✓	Operational
Current	Winnebago County LF-Sunneyview	✓	□	□	✓	□	✓	Operational
Candidate	Brown County East LF	□	✓	□	✓	✓	□	Planned
Candidate	Brown County West LF	□	✓	□	□	✓	□	Potential
Candidate	Hechimovich SLF	✓	□	□	✓	□	□	Planned
Candidate	La Crosse County LF	✓	□	□	□	✓	□	Potential
Candidate	Mallard Ridge Northern Expansion LF	✓	□	□	✓	□	□	Planned
Candidate	Mallard Ridge Recycle LF	□	✓	□	□	✓	□	Planned
Candidate	Oneida County SLF and Demolition	✓	□	□	✓	□	□	Potential
Candidate	Ridgeview Recycling LF	□	□	✓	✓	✓	□	Planned
Candidate	Rock County City of Janesville LF	✓	□	□	✓	✓	□	Planned
Candidate	Tork LF Corporation-Seneca LF	✓	□	□	✓	✓	□	Potential
Candidate	Troy Area LF Incorporated	□	✓	□	□	✓	□	Unknown
Candidate	Valley Sanitation Company Incorporate	✓	□	□	✓	✓	□	None
Shutdown	Tork LF (old)	✓	□	□	□	✓	□	Shutdown
Other	Adams County Resource Recovery LF	✓	□	□	✓	□	□	Unknown
Other	Deer Track Park Incorporated LF	✓	□	□	✓	□	□	Unknown
Other	Door County SLF	✓	□	□	✓	□	□	Unknown
Other	Easton Town LF	✓	□	□	□	□	□	Unknown
Other	Eau Claire County-7 Mile Creek LF #1	✓	□	□	□	□	□	Unknown
Other	Eau Claire County-7 Mile Creek LF #2	✓	□	□	✓	□	□	Unknown
Other	Green Lake SLF	✓	□	□	✓	✓	□	Unknown
Other	Hayward Town LF	✓	□	□	□	□	□	Unknown
Other	Hustiford Town LF	✓	□	□	□	□	□	Unknown
Other	Jackson County SLF	✓	□	□	□	□	□	Unknown
Other	Kewaunee County Solid Waste Balefill	✓	□	□	✓	□	□	Unknown
Other	La Crosse County LF-Robinson Site	✓	□	□	✓	□	□	Unknown
Other	Lake Area Disposal LF-S Expansion	✓	□	□	✓	□	□	Unknown
Other	Land & Gas Reclamation LF	✓	□	□	□	✓	□	Unknown

Exhibit 3: Index of Landfills in Wisconsin

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Lincoln County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Marinette/Oconto County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Markesan City Town of Mackford LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Metropolitan Refuse District Incorporate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Monroe County-Ridgeville Site LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Montello City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Plymouth City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Portage County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Prentice Village LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Princeton City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Rio Village LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Round Lake Town LF-A Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sadoff and Rudoy Industries LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sauk County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sheboygan Falls City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Superior City Mocassin Mike LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Emerald Park, Inc. LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Unknown WIP	Marathon County LF-Area B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Ridgeview LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown

Brown County East LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Brown County	Annual Acceptance Rate (tons):	247,847	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):	4,199,160	
City:	DePere	Acres Currently Landfilled (acres):	71	
County:	Brown	Average Depth (feet):	100	
State:	WI	1998 Waste-in-Place (tons):	3,400,000	
Year Open:	1997	1998 Waste-in-Place (tons):	3,400,000	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.29		
LFG Collection System Status:		Operational		
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Planned			
Utilization System Type:	High Btu			
Utilization System Start Year:				
Electric Utility Provider(s):	Wisconsin Public Service			
Natural Gas Provider(s):	Wisconsin Public Service			
Energy Purchaser(s):	1) Packerland Packing (rendering) 2) WP			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		40	
Current Capacity:				
Planned Capacity:				
Utilities in County: Wisconsin Electric Power Co; Wisconsin Public Service Corp				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	7,445		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	156,335		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	31,571	200	22,418	204
Fuel Oil:	25,912	167	18,400	107
Natural Gas:	17,424	0	12,372	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Dean Haen	Dean Haen		
Mailing Address:	2561 S. Broadway Street	2561 South Broadway		
Phone Number:	920-492-4950	920-492-4950		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

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Brown County West LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Brown County	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	4,499,100
City:	Hobart	Acres Currently Landfilled (acres):	57
County:	Brown	Average Depth (feet):	100
State:	WI	1998 Waste-in-Place (tons):	3,151,348
Year Open:	1976	1998 Waste-in-Place (tons):	3,151,348
Year Closed:	1997		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.22	
LFG Collection System Status:		Operational	
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Attempting High Btu		
Utilization System Start Year:			
Electric Utility Provider(s):	Wisconsin Public Service		
Natural Gas Provider(s):	Wisconsin Public Service		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		38
Current Capacity:			
Planned Capacity:			
Utilities in County: Wisconsin Electric Power Co; Wisconsin Public Service Corp			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,077		0
CO2 Equivalent of CH4 Reduction (tons/yr):	148,613		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	29,993	190	21,311 194
Fuel Oil:	24,617	159	17,491 102
Natural Gas:	16,553	0	11,761 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Dean Haen	Dean Haen	
Mailing Address:	2561 South Broadway Street	2561 South Broadway	
Phone Number:	920-492-4950	920-492-4950	
Fax Number:			

Dane County LF #1-Verona		Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Dane County Public Works	Annual Acceptance Rate (tons):	173,405
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1984
Alternative Landfill Name:		Design Capacity (tons):	1,050,000
City:	Verona	Acres Currently Landfilled (acres):	50
County:	Dane	Average Depth (feet):	32
State:	WI	1996 Waste-in-Place (tons):	1,050,000
Year Open:	1977	1998 Waste-in-Place (tons):	1,050,000
Year Closed:	1986		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	0.69		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.4		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1995		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:	0.6		8
Planned Capacity:			
Utilities in County:	Adams-Columbia Electric Coop; Black Earth Utilities; Madison Gas & Electric Company; Mazomani		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	3,969		1,542
CO2 Equivalent of CH4 Reduction (tons/yr):	83,357		32,378
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	16,575	105	11,953 109
Fuel Oil:	13,604	88	9,811 57
Natural Gas:	9,147	0	6,597 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Gerald Mandli	Gerald Mandli	
Mailing Address:	1919 Expo Way	1919 Expo Way	
Phone Number:	608-266-4029	608-266-4029	
Fax Number:	608-267-1533	608-267-1533	

* *Italicized indicates values estimated by EPA.*

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Dane County LF #2-Rodefeld		Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Dane County Public Works	Annual Acceptance Rate (tons):	129,047
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	7,071,400
City:	Madison	Acres Currently Landfilled (acres):	62
County:	Dane	Average Depth (feet):	90
State:	WI	1995 Waste-in-Place (tons):	2,094,058
Year Open:	1985	1998 Waste-in-Place (tons):	2,481,199
Year Closed:	2010		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.05		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		33
Current Capacity:			21
Planned Capacity:			
Utilities in County:	Adams-Columbia Electric Coop; Black Earth Utilities; Madison Gas & Electric Company; Mazomani		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,086		3,854
CO2 Equivalent of CH4 Reduction (tons/yr):	127,802		80,942
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	26,046	165	18,327 167
Fuel Oil:	21,378	138	15,042 88
Natural Gas:	14,375	0	10,114 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Gerald Mandli	Gerald Mandli	
Mailing Address:	1919 Expo Way	1919 Expo Way	
Phone Number:	608-266-4029	608-266-4029	
Fax Number:	608-267-1533	608-267-1533	

* *Italicized indicates values estimated by EPA.*

Hechimovich SLF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Superior Services, Inc.	Annual Acceptance Rate (tons):	285,606	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993	
Alternative Landfill Name:		Design Capacity (tons):	1,600,000	
City:	Horicon	Acres Currently Landfilled (acres):	20	
County:	Dodge	Average Depth (feet):	40	
State:	WI	Waste-in-Place (tons):	1,270,377	
Year Open:	1986	1998 Waste-in-Place (tons):	1,501,354	
Year Closed:				
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):	0.80			
LFG Collection System Status:	Planned			
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:	No			
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Planned			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		25	
Current Capacity:				
Planned Capacity:				
Utilities in County:	Adams-Columbia Electric Coop; Hustisford Electric Util; Juneau Utility Commission; Oakdale Electr			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,637		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	97,373		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
Coal:	19,732	125	13,963	127
Fuel Oil:	16,195	104	11,460	67
Natural Gas:	10,890	0	7,706	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Gary Bartells	Gary Bartells		
Mailing Address:	10150 West National Avenue	707 Valley Street		
Phone Number:	920-387-0987	920-387-0987		
Fax Number:	414-328-2899			

* *Italicized indicates values estimated by EPA.*



Kestrel Hawk Park LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Land Reclamation Company	Annual Acceptance Rate (tons):	325,496
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	5,000,000
City:	Racine	Acres Currently Landfilled (acres):	68
County:	Racine	Average Depth (feet):	
State:	WI	Waste-in-Place (tons):	11,786,702
Year Open:	1964	1998 Waste-in-Place (tons):	12,143,875
Year Closed:	1997		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	3.15		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.2		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	10		98
Current Capacity:			25
Planned Capacity:			
Utilities in County:	Wisconsin Electric Power Co		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	18,198		4,625
CO2 Equivalent of CH4 Reduction (tons/yr):	382,160		97,131
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	77,349	489	54,801 499
Fuel Oil:	63,485	409	44,978 262
Natural Gas:	42,688	0	30,244 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Henry Koch	Henry Koch	
Mailing Address:	1989 Oaks Road	1989 Oakes Road Box 081220	
Phone Number:	414-884-7080	414-884-7080	
Fax Number:		414-884-7096	

* *Italicized indicates values estimated by EPA.*



La Crosse County LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	La Crosse County	Annual Acceptance Rate (tons):	51,541	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1991	
Alternative Landfill Name:		Design Capacity (tons):	899,820	
City:	Medary	Acres Currently Landfilled (acres):		
County:	La Crosse	Average Depth (feet):		
State:	WI	Waste-in-Place (tons):	697,680	
Year Open:	1977	1998 Waste-in-Place (tons):	697,680	
Year Closed:	1991			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.25		
LFG Collection System Status:		Operational		
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Methanol Synthesis			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	1		8	
Current Capacity:				
Planned Capacity:				
Utilities in County: Bangor Municipal Utility; Jackson Electric Coop Inc; Northern States Power Company; Trempealeau				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	1,426		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	29,936		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	6,314	40	4,293	39
Fuel Oil:	5,182	33	3,523	21
Natural Gas:	3,485	0	2,369	0
E. CONTACT INFORMATION				
Landfill Owner			Landfill Operator	
Contact Name:	Brian Tippetts, County S. Waste Manager	Joe Schrader, County Engineer		
Mailing Address:	W5169 State Road 16			
Phone Number:	608-785-9572	608-785-9572		
Fax Number:		608-785-6160		

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	247,476
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	3,117,576
City:	Delavan	Acres Currently Landfilled (acres):	
County:	Walworth	Average Depth (feet):	
State:	WI	Waste-in-Place (tons):	742,428
Year Open:	1994	1998 Waste-in-Place (tons):	1,237,380
Year Closed:	2001		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.73
LFG Collection System Status:	Planned
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:		
Utilization System Status:	Planned	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):		
Natural Gas Provider(s):		
Energy Purchaser(s):		
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	2	
Current Capacity:		
Planned Capacity:		

Utilities in County: Elkhorn Light & Water Dept; Madison Gas & Electric Company; Rock County Electric Coop Assn; S

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	4,247	0
CO2 Equivalent of CH4 Reduction (tons/yr):	89,177	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153 115	12,788 116
Fuel Oil:	14,899 96	10,496 61
Natural Gas:	10,019 0	7,057 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Mike Ettner	Mike Ettner
Mailing Address:	Route 2, Box 117	Route 2, Box 117
Phone Number:	715-724-3257	715-724-3257
Fax Number:		414-724-5479

* *Italicized indicates values estimated by EPA.*

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Mallard Ridge Recycle LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	197,494	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993	
Alternative Landfill Name:	Greidanus LF	Design Capacity (tons):	1,499,700	
City:	Delavan	Acres Currently Landfilled (acres):	44	
County:	Walworth	Average Depth (feet):		
State:	WI	Waste-in-Place (tons):	3,434,413	
Year Open:	1975	1998 Waste-in-Place (tons):	3,434,413	
Year Closed:	1993			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.30		
LFG Collection System Status:		Operational		
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Planned			
Utilization System Type:	Unknown			
Utilization System Start Year:	1996			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	4		41	
Current Capacity:				
Planned Capacity:				
Utilities in County: Elkhorn Light & Water Dept; Madison Gas & Electric Company; Rock County Electric Coop Assn; S				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	7,495		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	157,403		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	32,360	205	22,571	205
Fuel Oil:	26,560	171	18,526	108
Natural Gas:	17,859	0	12,457	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Mike Ettner	Mike Ettner		
Mailing Address:	Route 2, Box 117	Route 2, Box 117		
Phone Number:	715-724-3257	715-446-3339		
Fax Number:		414-724-5479		

* *Italicized indicates values estimated by EPA.*



Marathon County LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Marathon County	Annual Acceptance Rate (tons):	117,893
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Area LF	Design Capacity (tons):	1,319,736
City:	Ringle	Acres Currently Landfilled (acres):	27.3
County:	Marathon	Average Depth (feet):	
State:	WI	1998 Waste-in-Place (tons):	1,532,613
Year Open:	1980	1998 Waste-in-Place (tons):	1,532,613
Year Closed:	1993		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.81	
LFG Collection System Status:		Operational	
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):	Wisconsin Public Service		
Natural Gas Provider(s):	none		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		25
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Wisconsin Elec Coop; Clark Electric Cooperative; Northern States Power Company; Stratford			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,683		0
CO2 Equivalent of CH4 Reduction (tons/yr):	98,343		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	19,732	125	14,102 128
Fuel Oil:	16,195	104	11,575 68
Natural Gas:	10,890	0	7,783 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	James Pellitteri	James Pellitteri	
Mailing Address:	R18500-B Ringle Avenue	18500-B Ringle Avenue	
Phone Number:	715-446-3339	715-446-3339	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Metro Recycling and Disposal LF			Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	649,000	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):	11,400,000	
City:	Franklin	Acres Currently Landfilled (acres):	108	
County:	Milwaukee	Average Depth (feet):	110	
State:	WI	1998 Waste-in-Place (tons):	9,599,040	
Year Open:	1951	1998 Waste-in-Place (tons):	9,599,040	
Year Closed:	2008			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):	1.99			
LFG Collection System Status:	Operational			
Current LFG Collected (mmscf/d):	3.5			
Collection and Treatment System Required Under NSPS/EG:	No			
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Operational			
Utilization System Type:	Gas Turbine			
Utilization System Start Year:	1986			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	6		62	
Current Capacity:	6.6		73	
Planned Capacity:				
Utilities in County:	Wisconsin Electric Power Co; Wisconsin Public Service Corp			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	11,477		13,490	
CO2 Equivalent of CH4 Reduction (tons/yr):	241,023		283,298	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	48,935	309	34,562	315
Fuel Oil:	40,164	259	28,367	165
Natural Gas:	27,007	0	19,074	0
E. CONTACT INFORMATION				
	Landfill Owner		Landfill Operator	
Contact Name:	Ray , Landfill Engineer		Ray , Landfill Engineer	
Mailing Address:	10627 S. 27th Street		10627 S. 27th Street	
Phone Number:	414-529-6180		414-529-6180	
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Omega Hills LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	497,640
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	12,147,570
City:	Germantown Village	Acres Currently Landfilled (acres):	83
County:	Washington	Average Depth (feet):	140
State:	WI	1994 Waste-in-Place (tons):	9,000,000
Year Open:	1971	1998 Waste-in-Place (tons):	9,000,000
Year Closed:	1989		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	2.72		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	6.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Gas Turbine		
Utilization System Start Year:	1985		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		85
Current Capacity:	6.6		125
Planned Capacity:			
Utilities in County:	Barron Electric Cooperative; Clark Electric Cooperative; Eau Claire Electric Coop; Hartford Utilities		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	15,726		23,126
CO2 Equivalent of CH4 Reduction (tons/yr):	330,242		485,654
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	67,089	424	47,356 431
Fuel Oil:	55,063	354	38,868 227
Natural Gas:	37,025	0	26,135 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Don Otter	
Mailing Address:		N96WI3503 County Lane	
Phone Number:			
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Oneida County SLF and Demolition			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Oneida County	Annual Acceptance Rate (tons):	26,289	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993	
Alternative Landfill Name:		Design Capacity (tons):	2,699,460	
City:	Rhinelanders	Acres Currently Landfilled (acres):		
County:	Oneida	Average Depth (feet):		
State:	WI	Waste-in-Place (tons):	456,458	
Year Open:	1979	1998 Waste-in-Place (tons):	507,176	
Year Closed:	2001			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.18		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Direct Thermal			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	1		6	
Current Capacity:				
Planned Capacity:				
Utilities in County: Price Electric Coop Inc; Wisconsin Public Service Corp				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	1,036		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	21,762		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	4,736	30	3,121	28
Fuel Oil:	3,887	25	2,561	15
Natural Gas:	2,614	0	1,722	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Connie Antonuk	Bart Sexton		
Mailing Address:	Courthouse, PO Box 400	PO Box 400		
Phone Number:		715-282-6003		
Fax Number:				

* Italicized indicates values estimated by EPA.



Outagamie County LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Outagamie County	Annual Acceptance Rate (tons):	239,280
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Appleton Landfill	Design Capacity (tons):	4,649,070
City:	Appleton	Acres Currently Landfilled (acres):	460
County:	Outagamie	Average Depth (feet):	65
State:	WI	1994 Waste-in-Place (tons):	3,994,902
Year Open:	1975	1998 Waste-in-Place (tons):	4,984,706
Year Closed:	2040		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.69		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.4		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1991		
Electric Utility Provider(s):	Wisconsin Electric Power Co.		
Natural Gas Provider(s):	Wisconsin Natural Gas		
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		53
Current Capacity:	2.5		29
Planned Capacity:			
Utilities in County:	Kaukauna Elec & Wtr Dept; Price Electric Coop Inc; Wisconsin Electric Power Co; Wisconsin Public		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,788		5,396
CO2 Equivalent of CH4 Reduction (tons/yr):	205,548		113,320
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,832	264	29,475 268
Fuel Oil:	34,334	221	24,192 141
Natural Gas:	23,086	0	16,267 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Gary Steede	Gary Steede	
Mailing Address:	1419 Holland Road	1419 Holland Road	
Phone Number:	920-832-5277	920-832-5277	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Parkview Recycling LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported: 1993	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Menomonee Falls	Acres Currently Landfilled (acres):	43
County:	Waukesha	Average Depth (feet):	85
State:	WI	1998 Waste-in-Place (tons):	4,250,000
Year Open:	1990	1998 Waste-in-Place (tons):	4,250,000
Year Closed:	1995		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.51	
LFG Collection System Status:		Operational	
Current LFG Collected (mmscf/d):		0.8	
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:		Operational	
Utilization System Type:		Reciprocating Engine	
Utilization System Start Year:		1993	
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		47
Current Capacity:	1.0		17
Planned Capacity:			
Utilities in County: Crawford Electric Cooperative; Muscoda Light & Water Commission; Oconomowoc Utilities; Oconto			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		Current
Methane Reduction (tons/yr):	8,702		3,084
CO2 Equivalent of CH4 Reduction (tons/yr):	182,732		64,754
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>
<i>Coal:</i>	37,096	235	26,203
<i>Fuel Oil:</i>	30,447	196	21,507
<i>Natural Gas:</i>	20,473	0	14,461
			238
			125
			0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	James Dunham	Dan Otzelberger, Engineer	
Mailing Address:		N96 W13475 County Lane	
Phone Number:		414-253-8620	
Fax Number:			

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Pheasant Run Recycling LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	328,183
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Bristol	Acres Currently Landfilled (acres):	120
County:	Kenosha	Average Depth (feet):	80
State:	WI	1994 Waste-in-Place (tons):	4,204,509
Year Open:	1968	1998 Waste-in-Place (tons):	5,413,527
Year Closed:	2014		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.80		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.8		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1992		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		56
Current Capacity:	1.6		17
Planned Capacity:			
Utilities in County:	Wisconsin Electric Power Co; Wisconsin Power & Light Co		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	10,422		3,084
CO2 Equivalent of CH4 Reduction (tons/yr):	218,864		64,754
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	44,200	279	31,385 286
Fuel Oil:	36,277	234	25,759 150
Natural Gas:	24,393	0	17,321 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Mike Infusino	Mike Infusino	
Mailing Address:	19414 60th Street	19414 60th Street	
Phone Number:	414-857-7956	414-857-7956	
Fax Number:			

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Ridgeview Recycling LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	313,476	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993	
Alternative Landfill Name:		Design Capacity (tons):	3,449,310	
City:	Franklin	Acres Currently Landfilled (acres):	55	
County:	Manitowoc	Average Depth (feet):		
State:	WI	Waste-in-Place (tons):	3,957,234	
Year Open:	1982	1998 Waste-in-Place (tons):	4,484,865	
Year Closed:	2008			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.57		
LFG Collection System Status:		Operational		
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Planned			
Utilization System Type:	Reciprocating Engine			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		49	
Current Capacity:				
Planned Capacity:				
Utilities in County: Kiel Utilities; Manitowoc Public Util; Two Rivers Water & Light Dept; Wisconsin Electric Power Co				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,049		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	190,025		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	38,675	245	27,249	248
Fuel Oil:	31,742	204	22,365	130
Natural Gas:	21,344	0	15,039	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Chris Johnson	Chris Johnson		
Mailing Address:	North Mill Street, Box 227	Route 1 6207 Hempton		
Phone Number:		920-732-4473		
Fax Number:				

* Italicized indicates values estimated by EPA.



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	City of Janesville	Annual Acceptance Rate (tons):	123,575
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	3,149,370
City:	Janesville	Acres Currently Landfilled (acres):	35
County:	Rock	Average Depth (feet):	80
State:	WI	Waste-in-Place (tons):	1,812,432
Year Open:	1985	1998 Waste-in-Place (tons):	1,691,603
Year Closed:	2005		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	0.85
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.0
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status:	Planned
Utilization System Type:	Direct Thermal
Utilization System Start Year:	
Electric Utility Provider(s):	Unknown
Natural Gas Provider(s):	Unknown
Energy Purchaser(s):	Unknown

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	27
Current Capacity:		
Planned Capacity:		0

Utilities in County: Evansville Water & Light Dept; Rock County Electric Coop Assn; South Beloit Water, Gas & Electric

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	4,918		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	103,282		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	21,311	135	14,810	135
<i>Fuel Oil:</i>	17,491	113	12,156	71
<i>Natural Gas:</i>	11,761	0	8,174	0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	John Whitcomb	John Whitcomb
Mailing Address:	18 North Jackson	18 North Jackson
Phone Number:	608-755-3110	608-755-3105
Fax Number:		

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Tork LF (old)		Landfill Category:	Shutdown
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Superior Services, Inc.	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	800,000
City:	Wisconsin Rapids	Acres Currently Landfilled (acres):	22
County:	Wood	Average Depth (feet):	50
State:	WI	1995 Waste-in-Place (tons):	800,000
Year Open:	1970	1998 Waste-in-Place (tons):	800,000
Year Closed:	1988		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	0.28		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.5		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Shutdown		
Utilization System Type:	Ic Engine		
Utilization System Start Year:	1993		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Tork Trucking & Landfill (electricity, gas &		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		9
Current Capacity:			
Planned Capacity:	.2		10
Utilities in County:	Adams-Columbia Electric Coop; Clark Electric Cooperative; Consolidated Water Power Co; Marshfie		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	1,635		1,927
CO2 Equivalent of CH4 Reduction (tons/yr):	34,327		40,471
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	7,104	45	4,922 45
Fuel Oil:	5,830	38	4,040 24
Natural Gas:	3,920	0	2,717 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Don Smith, Site Engineer	Alan Albee, General Manager	
Mailing Address:	10150 West National Avenue	PO Box 218	
Phone Number:	414-479-7800	715-421-3966	
Fax Number:	414-328-2899		

* *Italicized indicates values estimated by EPA.*



Tork LF Corporation-Seneca LF				Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION					
Landfill Owner:	Superior Services, Inc.	Annual Acceptance Rate (tons):	120,000		
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1995		
Alternative Landfill Name:	Seneca LF	Design Capacity (tons):	840,000		
City:	Wisconsin Rapids	Acres Currently Landfilled (acres):	37		
County:	Wood	Average Depth (feet):	40		
State:	WI	1995 Waste-in-Place (tons):	890,000		
Year Open:	1988	1998 Waste-in-Place (tons):	1,250,000		
Year Closed:	2003				
B. LANDFILL GAS COLLECTION					
Estimated Methane Generation (mmscf/d):		0.74			
LFG Collection System Status:		Operational			
Current LFG Collected (mmscf/d):		0.1			
Collection and Treatment System Required Under NSPS/EG:		No			
C. LANDFILL GAS UTILIZATION					
Current Utilization:					
Utilization System Status:		Potential			
Utilization System Type:		Unknown			
Utilization System Start Year:					
Electric Utility Provider(s):					
Natural Gas Provider(s):					
Energy Purchaser(s):					
Capacity:	Electricity Generation Project (MW)		OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2			23	
Current Capacity:					
Planned Capacity:				2	
Utilities in County: Adams-Columbia Electric Coop; Clark Electric Cooperative; Consolidated Water Power Co; Marshfie					
D. ENVIRONMENTAL BENEFITS OF UTILIZATION					
	<i>Potential</i>		<i>Current</i>		
Methane Reduction (tons/yr):	4,265		385		
CO2 Equivalent of CH4 Reduction (tons/yr):	89,567		8,093		
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project		
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)	
Coal:	18,153	115	12,844	117	
Fuel Oil:	14,899	96	10,542	61	
Natural Gas:	10,019	0	7,088	0	
E. CONTACT INFORMATION					
Landfill Owner			Landfill Operator		
Contact Name:	Don Smith, Site Engineer	Alan Albee, General Manager			
Mailing Address:	10150 West National Avenue	PO Box 218			
Phone Number:	414-479-7800	715-421-3966			
Fax Number:	414-328-2899				

* *Italicized indicates values estimated by EPA.*



Troy Area LF Incorporated		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	439,584
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	East Troy	Acres Currently Landfilled (acres):	48.3
County:	Walworth	Average Depth (feet):	
State:	WI	Waste-in-Place (tons):	3,072,144
Year Open:	1987	1998 Waste-in-Place (tons):	3,072,144
Year Closed:	1996		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.20		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.7		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		38
Current Capacity:			
Planned Capacity:			15
Utilities in County:	Elkhorn Light & Water Dept; Madison Gas & Electric Company; Rock County Electric Coop Assn; S		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,960		2,698
CO2 Equivalent of CH4 Reduction (tons/yr):	146,154		56,660
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	29,993	190	20,958 191
Fuel Oil:	24,617	159	17,202 100
Natural Gas:	16,553	0	11,567 0
E. CONTACT INFORMATION			
	Landfill Owner	Landfill Operator	
Contact Name:	Ronald Loudbeck	Ronald Loudback	
Mailing Address:		1827 Walden Office Square, Suite 107	
Phone Number:		414-642-3693	
Fax Number:		414-642-7020	

* *Italicized indicates values estimated by EPA.*

Valley Sanitation Company Incorporated LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Superior Services, Incorporated	Annual Acceptance Rate (tons):	115,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1995
Alternative Landfill Name:		Design Capacity (tons):	1,200,000
City:	Fort Atkinson	Acres Currently Landfilled (acres):	26.5
County:	Jefferson	Average Depth (feet):	50
State:	WI	1995 Waste-in-Place (tons):	955,000
Year Open:	1978	1998 Waste-in-Place (tons):	1,300,000
Year Closed:	2002		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	0.75		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.7		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	None		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:			15
Utilities in County:	Adams-Columbia Electric Coop; Bangor Municipal Utility; Dahlberg Light & Power Company; Jeffer		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,339		2,698
CO2 Equivalent of CH4 Reduction (tons/yr):	91,121		56,660
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153	115	13,067 119
Fuel Oil:	14,899	96	10,724 63
Natural Gas:	10,019	0	7,211 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Ed, Scaro	Ed Scaro	
Mailing Address:	1215 Klement Street	1215 Klement Street	
Phone Number:		414-563-4505	
Fax Number:			

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Valley Trail LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	500,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	1,687,800
City:	Berlin	Acres Currently Landfilled (acres):	80
County:	Green Lake	Average Depth (feet):	80
State:	WI	1998 Waste-in-Place (tons):	2,399,760
Year Open:	1978	1998 Waste-in-Place (tons):	2,399,760
Year Closed:	2008		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.03		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:	Yes		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Boiler		
Utilization System Start Year:	1999		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		32
Current Capacity:			
Planned Capacity:			
Utilities in County:	Adams-Columbia Electric Coop; Princeton Elec Light Dept; Waushara Elec Coop; Wisconsin Power &		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,965		0
CO2 Equivalent of CH4 Reduction (tons/yr):	125,273		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	25,257	160	17,964 164
Fuel Oil:	20,730	133	14,744 86
Natural Gas:	13,939	0	9,914 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Todd Hartman	Todd Hartman	
Mailing Address:	Route 2 South Willard Road Box 286	PO Box 286	
Phone Number:	920-361-4995	920-361-4995	
Fax Number:			

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Winnebago County LF - Snell Road		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Winnebago County	Annual Acceptance Rate (tons):	26,754
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1990
Alternative Landfill Name:		Design Capacity (tons):	
City:	Oshkosh	Acres Currently Landfilled (acres):	111
County:	Winnebago	Average Depth (feet):	68
State:	WI	1994 Waste-in-Place (tons):	5,000,000
Year Open:	1976	1998 Waste-in-Place (tons):	5,000,000
Year Closed:	1990		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.70		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	2.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Gas Turbine		
Utilization System Start Year:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		53
Current Capacity:	3.3		42
Planned Capacity:			
Utilities in County:	Menasha Elec & Water Util; Wisconsin Electric Power Co; Wisconsin Power & Light Co; Wisconsin		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,811		7,709
CO2 Equivalent of CH4 Reduction (tons/yr):	206,023		161,885
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,832	264	29,543 269
Fuel Oil:	34,334	221	24,248 141
Natural Gas:	23,086	0	16,305 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Lee Tomando	Lee Tomando	
Mailing Address:	100 W County Road Y	100 W County Road Y	
Phone Number:	920-232-1810	920-424-0793	
Fax Number:			

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Winnebago County LF-Sunneyview			Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	County of Winnebago	Annual Acceptance Rate (tons):	229,000	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):	4,800,000	
City:	Oshkosh	Acres Currently Landfilled (acres):	60	
County:	Winnebago	Average Depth (feet):		
State:	WI	1998 Waste-in-Place (tons):	2,184,000	
Year Open:	1989	1998 Waste-in-Place (tons):	2,184,000	
Year Closed:	2017			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):	0.98			
LFG Collection System Status:	None			
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:	Yes			
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Operational			
Utilization System Type:	Gas Turbine			
Utilization System Start Year:	1998			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		31	
Current Capacity:				
Planned Capacity:				
Utilities in County:	Menasha Elec & Water Util; Wisconsin Electric Power Co; Wisconsin Power & Light Co; Wisconsin			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,646		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	118,572		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,003	155
Fuel Oil:	20,082	129	13,955	81
Natural Gas:	13,503	0	9,384	0
E. CONTACT INFORMATION				
	Landfill Owner		Landfill Operator	
Contact Name:	Lee Tomando, Landfill Gas Superintendant		Lee Tomando, Landfill Gas Superintendant	
Mailing Address:	100 W County Trunk Y		100 W County Trunk Y	
Phone Number:	920-232-1810		920-232-1800	
Fax Number:				

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